

39 ANSWER 7 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2003:628366 HCAPLUS  
 DOCUMENT NUMBER: 139:166945  
 TITLE: Compositions for electrolytes, electrolytes,  
 their manufacture, and their use in batteries  
 INVENTOR(S): Noda, Kazuhiro; Horie, Takeshi; Yasuda,  
 Toshikazu  
 PATENT ASSIGNEE(S): Sony Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003229019	A2	20030815	JP 2002-23959	2002 0131

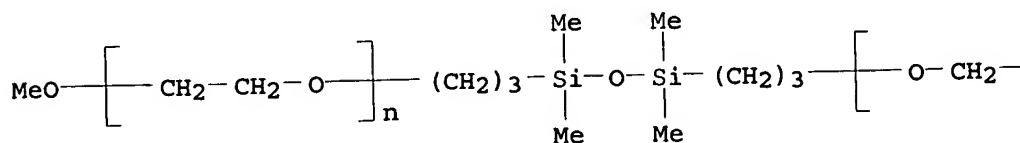
PRIORITY APPLN. INFO.: JP 2002-23959  
 2002  
 0131

AB The compns. comprise crosslinkable primary compds., secondary compds., and tertiary compds. having higher mol. weight than the secondary compds. The electrolytes are manufactured by crosslinking the primary compds. in the above compns. after or before mixing the compns. with electrolyte salts. Preferably, the secondary compds. and the tertiary compds. resp. form semi-interpenetrating polymer networks with the crosslinked primary compound polymers, and the tertiary compound-derived crosslinked polymers form interpenetrating polymer networks with the crosslinked primary compound polymers to improve elasticity of the electrolytes. The electrolytes show high film formability, ion conductivity, and elasticity and give high-performance batteries with high flexibility.

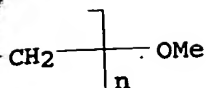
IT 527950-44-3  
 (crosslinkable compound-containing compns. forming (semi-)interpenetrating polymer networks for battery electrolytes with high film formability, ion conductivity, and elasticity)

RN 527950-44-3 HCAPLUS  
 CN Poly(oxy-1,2-ethanediyl),  $\alpha, \alpha'$ -[(1,1,3,3-tetramethyl-1,3-disiloxanediyl)di-3,1-propanediyl]bis[ $\omega$ -methoxy- (9CI)  
 (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



IC ICM H01B001-06  
 ICS C08F002-44; C08F291-00; C08F299-00; H01B013-00; H01M010-40  
 CC 52-2 (Electrochemical, Radiational, and Thermal Energy Technology)  
 Section cross-reference(s): 38, 76  
 IT 9004-74-4D, Polyethylene glycol monomethyl ether, esters with hydrolyzed dichloropolyphosphazenes 26085-02-9D, Poly[nitrilo(dichlorophosphoranylidene)], hydrolyzed, esters with polyethylene glycol mono-Me ether 527950-44-3 (crosslinkable compound-containing compns. forming (semi-)interpenetrating polymer networks for battery electrolytes with high film formability, ion conductivity, and elasticity)

L39 ANSWER 8 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:551208 HCAPLUS  
 DOCUMENT NUMBER: 139:101535  
 TITLE: Production of oxyalkylene-containing acrylate-terminated polysiloxane crosslinking agents  
 INVENTOR(S): Kang, Yongku; Lee, Changjin; Lee, Won-Sil; Noh, Kun Ae  
 PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea  
 SOURCE: U.S. Pat. Appl. Publ., 18 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003134968	A1	20030717	US 2002-282214	2002 1028
US 6783897	B2	20040831	<--	
KR 2003040618	A	20030523	KR 2001-70969	2001 1115
JP 2003277506	A2	20031002	JP 2002-324866	2002 1108
JP 3749217	B2	20060222	<--	
PRIORITY APPLN. INFO.:			KR 2001-70969	A 2001 1115

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